

# Accessibility Features on iPad using OS 6

**Settings App** - scroll down to **Accessibility**.

**Triple-click Home** - Activate or de-activate accessibility features with the Home button.

**Vision** - <http://www.apple.com/accessibility/ipad/vision.html>

- VoiceOver - Speaks items on the screen.
  - To select an item - touch it.
  - To activate the selected item - double-tap.
  - To scroll - flick three fingers.
  - To read text aloud - down arrow advanced word by word, right arrow advances by sentence.
- Zoom - Magnifies the entire screen.
  - To zoom - double-tap with 3 fingers.
  - To move around the screen - drag 3 fingers while zoomed.
  - To change zoom - with 3 fingers, double-tap and drag up or down.
- Large Text - Makes text larger in Calendar, Contacts, Mail, Messages, and Notes.
- White on Black - Alternates from black text on white background to white text on black background.
- Speak Selection - After turning this feature on, you can adjust reading rate. To use, simply copy the desired text, and select Speak from the bubble that pops up.
  - To Select Longer Text on iPad:
    1. Press and hold over the text you want to copy. A magnifying glass appears and the word it intends to select is highlighted in blue.
    2. Drag the blue corner handles or the blue bars to highlight to the beginning and end of the selected text.

- Speak Auto-text - Automatically speak auto-corrections and auto-capitalizations.

Additional features that make it easier to use for those who are blind or have impaired vision.

- Tactile Buttons
- Audible Alerts - iPad lets you activate audio alerts for incoming and outgoing mail and calendar event requests. iPad also offers an audio option for confirming keyboard actions.

**Hearing** - <http://www.apple.com/accessibility/ipad/hearing.html>

- Mono Audio - Routes both right- and left-channel audio source material into both earbuds, enabling users with hearing loss in one ear to hear both channels in each ear. You can also adjust the volume balance between the left and right channels.

Additional features that make it easier to use for those who are deaf or hard of hearing:

- FaceTime - video calling via Wi-Fi.
- Closed Captioning - supports the playback of open captions, closed captions, and subtitling.
- Messages with iMessage - better than texting because it works between you and anyone on an iPhone, iPad, or iPod touch running iOS 5.
- Visual Alerts - Mail, time, battery, etc.

**Learning**

- Guided Access keeps the iPad in a single app, and allows you to control which features are available. To start Guided Access, triple-click the Home button in the app you want to use.

**Physical & Motor** - <http://www.apple.com/accessibility/ipad/physical.html>

- Assistive Touch - Allows the use of the iPad even if there is difficulty touching the screen or if an adaptive accessory is required.
- Home-click Speed - Adjust the speed required to activate Double and Triple-click Home.

## The Keyboard

- Hidden keys - vowels, punctuation, some consonants, other domains (.com). To activate alternate selection, press/hold the main key to reveal other choices; slide to the desired key and release to place into text.
  - Touch and hold the comma button to get the apostrophe
  - Touch and hold the period button to get the quotes
  - Double-space to end a sentence.
- Shift Key - double tap to use as Caps Lock
- Moving between Numeric and Alphabet keyboards - You can quickly switch between numerical and alphabetical keyboards. To type TV8, after typing TV press/hold the numeric button and slide your finger to 8. Releasing will insert the 8 and return you to the alphabetical keyboard without additional keystrokes.

### Working with Text

- Magnifying Glass - To place the cursor at a specific spot, touch and hold - you will get a magnifying glass that allows you to drag the cursor more easily exactly where you want it. Release reveals Select options.
- Select/Cut/Copy/Paste - Double-touch a word to get the Cut, Copy, Replace selector. You can drag the blue circles or lines to extend beyond the word to a phrase or more.

## Keyboard Options to Support All Users

- Auto-Correction - a suggestion bubble appears below the word and you can hit space or a punctuation mark to accept it, or tap on it to reject.
- Check Spelling - touch any red-underlined word for spelling options, and touch desired word to select.
- Enable Caps Lock - double tap on the Shift key locks it, single tap releases.
- “.” Shortcut - double tapping the space bar will insert a period followed by a space.
- Split Keyboard - positions the halves of the keyboard along the outer edges of the screen to allow for “thumb typing.” When activated in

Settings, you will see a transparent control on the Hide Keyboard button on the virtual keyboard (bottom right).

- Shortcuts - allow the user to assign several characters to automatically spell frequently used words or phrases.

Additional Keyboard supports and options:

- Bluetooth mini-keyboards can provide alternative access to one-handed typists, those who might benefit from the stability of holding the keyboard between their hands, or users who have learned to type with their thumbs.
- Zagg Bluetooth keyboard/case for iPad 2 <http://goo.gl/AU6C4>